Under the Paperwork Reduction Act of 1995, no p

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

> Declaration OR Declaration Submitted Submitted after with Initial Filing Initial Filing

to respond to a concentration of information	on unless contains a valid OMB control number.
Attorney Docket Number	146.1335
First Named Inventor	JESUS CORTES
COMPLETE	E IF KNOWN
Application Number	PCT/FR98/01593
Filing Date	July 21, 1998
Group Art Unit	
Examiner Name	,

						<u> </u>			
As a below named inver	ntor, I hereb	y declare tha	t:						_
My residence, post office	My residence, post office address, and citizenship are as stated below next to my name.								
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:									
BIOSYNTHESIS GENES AND TRANSFER OF 6-DESOXY-HEXOSES IN SACCAHAROPOLYSPORA ERYTHRAEA AND IN STREPTOMYCES ANTIOBIOTICUS AND THEIR USE									
the specification of which	1		(Title of	the Invention)					٢
OR Was filed on (MM/DD	J mm	uly 2	L, 199	8	as Uni	ited States Appli	cation Number or	PCT International	
			لب	CWMM) no bebnems		L	6	(if applicable	e).
I hereby state that I have re amendment specifically rel I acknowledge the duty to d	епед 10 200	ve.							
I hereby claim foreign priority certificate, or §365 (a) of an below and have also identifi application having a filing dat	ed below, by	tational applic checking the	ation which	designated at least veign application to	ODA C	water other the			. 2
Prior Foreign Application Number(s)		Country		Foreign Filing		Priority Not Claimed	Certifled C	Copy Attached?	
97/09458 98/07411	FRA FRA			Jul.25 Jun.12,					
PCT/FR98/0159	3 F	RANCE		Jūl.21,	98)000	
Additional foreign application	n numbers a	re listed on a	supplementa	I priority sheet attack	ned he	relo:			\dashv
I hereby claim the benefit und	er Tille 35, U						n(s) listed below.		\dashv
Application Number(s				MDD/YYYY)			al provisional s are listed nental priorit	d on a	

[Page 1 of 5]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

M
3
N
T
•

	is a plus sign (+) inside the, biv			App	rayed for use through	610/08/01 (8.
Underst	ne Paristroom Reduction Act of 15	76, no poisons are rec	enica to resid	ned to a collection of informatic	irk Office, U.S. DEPA n unless k esntains a	9/36/38 CARD 0551-06 RTMERT OF COMMER valid OMB control num
prior	by claim the benefit under Title 3 nating the United States of Amer United States or PCT Internati whedge the duty to disclose infi ne available between the filing da	35, United States Code ica, listed below and, in onal application in the ormation which is materials.	§120 of any sofar as the manner pr	United States application(s), or subject matter of each of the divided by the first paragraph	of Tale 35, United	n is not disclosed in the States Code §112, 1
U.	S. Parent Application Number	PCT Pare Numbe	ent	Parent Filing Date (MM/DD/YYYY)	Parent	Patent Number applicable)
Adc	fitional U.S. or PCT international	application numbers ar	e listed on a	Supplemental proving sheet are		
Asanar	med inventor, I hereby appoint the demark Office connected the rewit	e following registered p	ad (ioner(s)	to prosecute this application ar	d to transact all busin	ess in the Patent
	Name	Regist Nun		Name		Registration Number
Jor Don Bier Luca	rles A. Muserldan B. Bierman ald C. Lucas man, Muserlian as	1 18, 31, 18,	629 275 818	eet attached hereto.		
	соrrespondence to:				•	
Name	Bierman, Mu	serlian ar	id Luc	as		
Addres						
Address		venue				
City	New York U.S.A.	1	1 (020	State New York		10016
Country I hereby de	clare that all statements made he	Telephone	(212	22445-4-11	ax (212)	661-8002
imprisonme the applicat	ent, or both, under Section 1001 of ion or any patent issued thereon.	ere made with the know of Title 18 of the United	viedge that of States Cod	wilful false statements and the e and that such wilful false sta	like so made are pu itements may jeopar	nishable by fine or dize the validity of
Name of	Sole or First Inventor:		[A petition has been filed	for this unsigned i	nventor
Name	Jesus	Middle Inttal	Fami Name			uffix .g. Jr.
inventor's Signature	Jesus	Cortis E	3	N	Date 27/	101/00
Residence:	Cambridge	State	Country	United Kingdo	om Citizen:	ship Mexican
Post Office	Address		•			
Post Office		s, Union I	ane			
city Car	mbridge su			Country United	Kingdom	
☑ Addition	onal inventors are being na	amed on suppleme	ntal shee	t(s) attached hereto	<u> </u>	

Lo

•	arwork Reduction Act of 1995	5, no persons are requi	red to respond to a	Paleot and Imdee	~~ d. Off I I C . 4	rough 9/30/98. OMB 0651- DEPARTMENT OF COMMI ains a valid OMB control nu
	DECLA	RATION			DITIONAL IN Supplemen	NVENTOR(S) Ital Sheet
Name of	f Additional Joint Inve	entor, if any:	- A	petition has been fi	led for this unsi	gned inventor
Given C Name	laude	Middle Initial	Family Name	FROMENT	N .	Suffix
Inventor's Signature			1		Date	TEQ III.
Residence: City	Paris	State	Country	France	FRX	Citizenship Fre
Post Office	Address				· •, • •	
Post Office		de Fland	res			
	aris	1 1 1	F-75019	Country F1	cance	
1	Additional Joint Inve			etition has been fil	ed for this unsig	· · · · · · · · · · · · · · · · · · ·
Given S	abine	Middle Initial	Family Name	GAISSEI	}	Suffix (:
Inventor's Signature	GB24	gaper		GBX	Date	23.01.00
Residence: City	Cambridge	State	Country	United Ki	Ingdom	Citizenship Germ
Post Office A	ddress					
Post Office A	ddress 37 Gwydi	r Street	•			
	ibridge Additional Joint Inven		CBI 2LG		ted Kin	
Given		Middle		etition has been file	d for this unsig	Suffix
Inventor's Signature	PFLe	Initial	Name =	LEADLAY	Date	24. Jan 200
Residence: City	Cambridge	State	Country	United Ki	ngdom	Citizenship Engl
Post Office Ad		1				
Post Office Ad	1	ndon Road		· · · · · · · · · · · · · · · · · · ·	<u> </u>	
Camb	ridge	State Zip	CB2 2BH	Country Unit	ed Kind	dom
Name of A	dditional Joint Invente			tition has been file		
Name Car	men	Middle Initial	Family Name	MENDEZ		Suffix e.g. Jr.
nventor's Signature					Date	1 3:
Residence:	Oviedo	State	Country	Spain 6	-51	Citizenship Span
ost Office Add	tress				<u></u>	
	trace					
ost Office Add	C/Marceli	no Fernan	dez 7, 2	OB .		

			+) inside this box →.	ليسا				Patent and Tend		hrough 9/30/98.	PTO/SB/01 (8-96) OMB 0651-0032 - OF COMMERCE
	Onder the P	aperwork Ri	DECLAR		plection of inform	DITIONAL	ntains a valid OM	IB control number.			
								1	ouppletite	iliai Sheet	
	Name Given	of Addit	ional Joint Invent			1		tition has been	filed for this un	signed inventor	<u>r</u>
	Name	Jean	-Marc-		Alddle nitial		Family Name	MICHEL			Suffix e.olr
$\widehat{\Omega}$	Inventori Signature						_		Date		
10	Residence City		ompiegne		State		Country	France	TRX	Citizensh	French
	Post Offic	ce Ad aress				1	<u>-</u>		- + : (-		
	Post Offic	e Address	22, Rue	des I	Oome	lier	s			-	
	City C	ompie	gne	State	Zip	F-60:	200	Country	France		
ám.	Name		onal Joint Invento			ַן ַ] A pe	lition has been	filed for this un:	signed inventor	
	Given Name	Mari	e-Cecile		ddle tial		amity Vame	RAYNAL			Suffix La. Jr.
	Inventor's Signature								Date		
	Residence City	,	aris		State	Co	untry	France	FRX	Citizenship	French
	Post Office	Address				•			Z		
	Post Office	Address	ll7, Aven	use de	Ch/	oi sv					
	City	Pari	s	State	Zip	T	5013	Country F	rance		
		of Additio	onal Joint Invento	r, if any:			A peti	tion has been f	iled for this uns	igned inventor	
¥# ===	Given Name	Khad	idja		Middle Initial		imily S	SALAH-BI	EY	Suf e.a.	1 1
D	Inventor's Signature	-							Date		
>	Residence: City	Par	is		State	Co	untry I	France	FR	Citizenshi	PAlgerian
	Post Office	Address							(•
. 1	Post Office	Address	100, Boul	evard	Mas	ssena	à				
	City	Paris	1	tate	Zip	F-750)13	Country F1	rance		
	Name of	Addition	al Joint Inventor,	if any:					ed for this unsi	gned inventor	
	Given Name	Jose		T	Middle Initial	Fan Nar	nily S	SALAS		Suff	
N	Inventor's Signature					1.73			Date .	le.g.	
	Residence: City	Ovi	edo	_ s	tate	Cou	ntry S	Spain &	SX	Citizenship	Spanish
	Post Office A	ddress							1		<u>'</u>
	Post Office A	ddress (C/Guillerm	o Est	rada	 a	2-E	Bajo Izd	la		
	City	viedo	Sta	ate	Zip F	 SS-33	30600	ountry Spa			
	☐ Addit	tional invi	entors are being n	amed on	supple	mental s	sheet(s)	attached her	eto	· · · · · · · · · · · · · · · · · · ·	

[Page 4 of 5]

Please type a plus sign (+) inside this box → | + Approved for use through 9/30/98, OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket Number 146.1335 DECLARATION FOR First Named Inventor JESUS CORTES UTILITY OR DESIGN COMPLETE IF KNOWN PATENT APPLICATION Application Number PCT/FR98/01593 Filing Date July 21, 1998 Declaration OR Declaration Group Art Unit Submitted Submitted after with Initial Filing Initial Filing Examiner Name As a below named inventor, I hereby declare that: My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled : BIOSYNTHESIS GENES AND TRANSFER OF 6-DESOXY-HEXOSES IN SACCHARAPOLYSPORA ERYTHRAEA AND IN STREPTOMYCES ANTIOBIOTICUS AND THEIR USE (Title of the Invention) the specification of which is attached hereto x was filed on (MM/DD/YYY) July 21, as United States Application Number or PCT International Application Number PCT/FR98/01593 and was amended on (MM/DD/YYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. Lacknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35. United States Code §119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Foreign Filling Date Priority Certifled Copy Attached? Country Number(s) (MM/DD/YYYY) Not Claimed YES 97/09458 FRANCE Jul.25,97 98/07411 FRANCE Jun.12,98 PCT/FR98/01593 FRANCE Jül.21, 98 Additional foreign application numbers are listed on a supplemental priority sheet attached hereto: I hereby claim the benefit under Tale 35, United States Code § 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date (MM/DD/YYYY) Additional provisional application numbers are listed supplementalpriority attached hereto.

[Page 1 of 5]
Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Please type a plus sign (+) insi	de Ihis box	→ [+]			Aparoua	d (a 15— 0.000	PTO/SB/01 (8-96)
Under the Paperwork Reduction	n Act of 19	95, no persons are required	to respond to a col	atent a	and Trademark C	d for use through 9/30/9 Mice: U.S. DEPARTME	NT OF COMMERCE
			Attorney Do	cket I	Vumber	146.1335	MB control number
DECLAR	RATIO	ON FOR	First Named	Inve	ntor	JESUS COR	TES
UTILITY	OR I	DESIGN		CC	MPLETE IF	KNOWN	
PATENT			Application N	lumbe	er P	CT/FR98/01	593
·	•		Filing Date		J	uly 21, 19	98
Declaration Submitted	OR	Declaration Submitted after	Group Art Un	it			
with Initial Filin	ng	Initial Filing	Examiner Na	me			
I believe I am the original, below) of the subject matter BIOSYNTHES I SACCAHAROPO AND THEIR U the specification of which is attached hereto OR was filed on (MM/DO.	T/FRS	July 21, 199 8/01593 and was a funderstand the contents of two.	is listed below) or the is sought on the ISFER. OF CA AND IN the Invention)	as Uni	on entitled: DESOXY— TREPTOM inted States Applia	HEXOSES IN YCES ANTIO	ntemational (if applicable).
I hereby ctaim foreign priority certificate, or §365 (a) of any below and have also identifie application having a filing date	d below, b	national application which of v checking the box, any for	lesignated at least reign annification to	004 ~	water ather the	. 46 - 11-2-4 Ca-a	
Prior Foreign Application Number(s)		Country	Foreign Filing (MM/DD/YY		Priority Not Claimed	Certifled Copy A	NO
97/09458 98/07411 PCT/FR98/0159	FRA 3 F	NCE NCE RANCE	Jul.25 Jun.12, Jül.21,	98 98	0000	00000	
Additional foreign application							
Application Number(s)	r Tale 35, L			s provi	sional application	n(s) listed below.	
Application Number(s)		Filing Date (MM	(YYYYOO		Addition	al provisional andi	cation

[Page 1 of 5]
Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case, Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

numbers

supplemental

attached hereto.

are

listed

priority

on

sheet

Please type a plus sign (+) inside the, box 🗝

<u>New York</u>

Approved for one through 9/50/98 CMB 0051-0032
Putent and Tradentark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paparwork Reduction Act of 1995, no persons are required to respond to a softection of information unless it contains a valid OMB control number

DECLARATION

- (hereby claim the benefit under Tdla 35. United States Code, \$320. 4. 4.1.1.10.
	I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365(c) of any PCT international application designating the United States of America. Ested below and insofar as the subject motion of each of the distribution of the subject motion of the distribution.
•	designating the United States of America, listed below and, insolar as the subject matter of each of the chairs of this analysis.
- 1	designating the United States of America, listed below and, insolar as the subject matter of each of the claims of this application prior United States or PCT International application in the manner provided by the first passes of This application is not disclosed in the
	prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112.
ŧ	became available between the filing date of the prior application and the national or PCT international fling date of this application.
	and the first application and the fiational of PCT international lang date of this application.

		or to telemational raing date of this application.					
U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (If applicable)				
			1				

Additional U.S. or PCT international application numbers are listed on a supplemental priority sheet attached hereto.

As a named inventor, I hereby appoint the following registered practioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Name	Registration Number	Name	Registration Number
Charles A. Muserlian Jordan B. Bierman Donald C. Lucas Bierman, Muserlian and Lucas	19,683 18,629 31,275 18,818		

Addition	onal registered practitioner(s) named on a supplemental sheet attached hereto.	
Direct all or	orrespondence to:	
Name	Bierman, Muserlian and Lucas	 -
Address		
Address	600 Third Avenue	

State New York

10016 Country U.S.A. (212)661-8000 Telephone 661-8002 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such witful false statements

the applicat	tion or any patent issued thereon.				o otorettettia maj	Leobardize rue valid	ity of
Name of	f Sole or First Inventor:			A petition has been	filed for this uns	igned investor	
Given Name	Jesus	Middle Family Name CORTES			Suffix e.g. Jr.		
Inventor's Signature					Date		

	T						
Residence: City	Cambridge	State	Country	United	Kingdom	Citizenship	Mexica
Post Office Addre	255						
							1

Post Office Address Cambanks, Union Lane Cambridge Ζlp CB4 IPZ State Country United Kingdom

Additional inventors are being named on supplemental sheet(s) attached hereto

Annex US.III, page 2 PCT Applicant's Guide - Volume II - National Chapter - US	•
Please type a plus sign (+) inside this bit. Approved for the direction Act of 1995, no persons are required to respond to a softwistion of information unless it contains a valid OMB con	1.3) 1.02 00-1.250 OMMER
DECLARATION	rol nom:
I hereby claim the benefit under Title 35. United States Code § 120 of any United States application(s), or § 365(c) of any PCT international applicating the United States of America, Issted below and, insofar as the subject matter of each of the claims of this application is not disclose prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.5 became available between the filing date of the prior application and the national or PCT international filing date of this application.	ed in the
U.S. Parent Application PCT Parent Parent Filing Date Parent Patent Number Number (MM/DD/YYYY) (If applicable	
Additional U.S. or PCT international application numbers are listed on a supplemental priority sheet attached hereto. As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Pat	
Name Registration	ent
Number Name Registr Number Num	
Charles A. Muserlian Jordan B. Bierman Donald C. Lucas Bierman, Muserlian and Lucas Lucas 19,683 18,629 31,275 18,818	
Additional registered practitioner(s) named on a supplemental sheet attached hereto.	
Direct all correspondence to:	
Name Bierman, Muserlian and Lucas	
Address	
Address 600 Third Avenue	$\neg \neg$
City New York State New York ZIP 10016	
Country U.S.A. Telephone (212) 661–8000 Fax (212) 661–80	02
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believe be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fin imprisonment, or both, under Section 1001 of Trile 18 of the United States Code and that such willful false statements may jeopardize the validity that application or any patent issued thereon.	
Name of Sole or First Inventor: A petition has been filed for this unsigned inventor Given Middle Family	
Name Jesus Middle Initial Ramily CORTES Suffix e.g. Jr.	
Inventor's Signature Date	
Residence: City Cambridge State Country United Kingdom Citizenship Mexi	can
Post Office Address	ᆌ.
Post Office Address 26 Cambanks, Union Lane	
City Cambridge State Zip CB4 IPZ Country United Kingdom	-
Additional inventors are being named on supplemental sheet(s) attached hereto	\dashv

				.i k	4773 ——	` <u>'</u>	<u>, </u>		(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c							
		(+) inside this box -	LIJ					Pa	tent and	Todomedico	W O.	ugh 9/30/98. Of				
Older tile Fa	perwork F	Reduction Act of 1999				ed to re	espond to	a colle	ction of in	formation un	less it contain	ns a valid OMB c	control number.			
	DECLARATION								ADDITIONAL INVENTOR(S) Supplemental Sheet							
Name	of Addi	tional Joint Inve	entor, if a	nv:		Τ	Па	petiti	on has b	peen filed fo	r this unsid	ned inventor				
Given Name	Given Claude						Fami	y E		NTIN		Suffix				
inventor': Signature	- 1			intti	- ' ↓.		<u>I Natire</u>	<u> </u>			Date	<u></u>	_dr_l			
Residenc City	e: P	aris		:	State		Countr	у	Fran	ıce		Citizenship	Frenci			
Post Offic	e Addres	s				4		'								
Post Offic	e Addres	s 16, Rue	de 1	Fla	ndı	res										
City	Pari	<u> </u>	State		1	1	75019	9 6	Country	Fran			•			
Name		ional Joint Inve	ntor, if a	ny:	<u>.</u>	T						ned inventor				
Given Name	Sabi	ne		Middi			Family Name		GAIS	SER		Suff	îx ⊖ :			
Inventor's Signature					•			•			Date					
Residence City	C	ambridge			State		Country	Un	ited	King	dom	Citizenship	German			
Post Office	Address											•				
Post Office	Address	37 Gwydi	r St	ree	 t					-						
сну Са	mbri	dge	State		Zip	СВ	I 2L0	G Co	untry	Unite	d Kind	ndom .				
		onal Joint Inver	ntor, if ar	ıy:	٠				n has be			ed inventor				
Given Name	Pete	r			iddle itial		Family Name	L	EADL	ΑY		Suffix e.a. Jr				
Inventor's Signature											Date					
Residence: City		bridge		s	tate		Country	IIn	ited	King	dom	Citizenship	English			
Post Office		90		!								<u> </u>				
Post Office	Address	17 Clare	ndon	Ro	ad				-							
City Cam	brid	· · · · · · · · · · · · · · · · · · ·	State		$\overline{}$	CB2	2BH	Co	untry []	nited	Kingo	dom .				
		nal Joint Invent	or, if any		1						this unsigne					
Given Name Ca	rmen		•		iddle itial		Family Name	ME	NDEZ			Suffix e.g. Jr.				
inventor's Signature	C	inest	The		ه _					C	Date	31 January				
Residence: City	Ovi	edo		Stat	e		Country	Sp	ain				Spanish			
Post Office A	ddress					1.	1			ı		<u> </u>				

zip ES-33010country

Spain

C/Marcelino Fernandez 7, 2^OB

Additional inventors are being named on supplemental sheet(s) attached hereto

Post Office Address

Oviedo

ADDITIONAL INVENTOR(S)

PTO/SB/01 (8-96)

Approved for userfriough 9/30/98. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	DECLARATION									ADDITIONAL INVENTOR(S) Supplemental Sheet						
Name	of Add	itional Joint Inve	entor, if	any:		7	A	petition has	been file	d for this u	nsigned	inventor				
Given Name	Clai	ıde		Mid			Fami Name	FROME					utix .			
Inventor' Signature	s e (FROME	ensi'	2 /				- 1,		Date	Feb	rorany	3,200			
Residenc City		Paris			State		Countr	Fran	nce		.	Citizenship	Frenci			
Post Offic	ce Addre	ss				-	1									
Post Offic	ce Addre		e∴de	Fla	ndı	res					· ·					
City	Pari	LS	State	T .	Zlp	F-	75019	Country	Fra	nce		· . · ·				
	of Addi	tional Joint Inve	ntor, if a	_			A	petition has l	been filed	for this u	nsigned	inventor				
Given Name	Sabi	ne		Midd Initia	- 1		Family Name	GAIS	SSER			Su e.d	Mix ~Om.			
inventor's Signature						·····				Date						
Residence City	. (Cambridge			State		Country	United	d Kir	ngdom	c	itizenship	German			
Post Office	e Addres:	s						<u> </u>								
Post Office	Address	37 Gwydi	r St	ree	t											
City Ca	ımbri	Ldge	State		Zip	СВ	I 2L(Country	Unit	ed K	ingd	om				
Name c	of Addi	ional Joint Inve	ntor, if a	ny:			A	etition has b	een filed	for this un	signed i	inventor				
Given Name	Pete	er			iddle itial		Family Name	LEADI	LAY			Suffi e.g.				
Inventor's Signature										Date						
Residence: City		mbridge		s	tate		Country	United	d Kir	ngdom	0	itizenship	English			
Post Office	Address		·							······································						
Post Office	Address	17 Clare	ndon	D.O.	~~			· .								
Chy Can	mbrid		State	T		 CB 2	2BH	Country [Jnite	ed Kir	nādo	m				
		onal Joint Invent	or, if an	y:	1			etition has be								
Siven Name Ca	rmer	1			iddle itial		Family Name	MENDE	Z	-		Suffix e.g. J				
nventor's Signature										Date	*					
Residence: City	0375	Ledo		Sta	te		Country	Spain			Cit	tizenship	Spanish			
,ıty	00,															
								_	ı			· · · · · · · · · · · · · · · · · · ·				
ost Office A	Address	C/Marceli	.no F	ern	and	dez	7, 2	2 ^O B				•				
ost Office A	Address		no F					2 ^O B	Spa	ıin		1				



PTO/SB/01 (8-96)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Please type a plus sign (+) inside this box -> + Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number ADDITIONAL INVENTOR(S) DECLARATION Supplemental Sheet Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Glven Middle Family Suffix Jean-Marc MICHEL Name Inventor's Date Signature Residence: State Citizenship Country City Compiegne France French Post Office Address Post Office Address 22, Rue des Domeliers Zip F-Country 60200 Compiegne France Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Middle Given Family Suffix Marie-Cecile Initial RAYNAL Name Name Inventor's Date Signature Residence: State Country Citizenship City Paris France rench Post Office Address Post Office Address <u>Avenue de Choisy</u> State Zip Country F - 75013Paris France Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Middle Suffix Name <u>Khadidja</u> SALAH-BEY Initial Inventor's Date Signature Residence: State Country Citizenship City Paris France Algerian Post Office Address Post Office Address 100. Boulevard Massena State Zlp Country -75013 Paris France Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Middle Family Jose SALAS Name e.g. Jr. inventor's 31 January 2000 Signature Date Residence: Citizenship Spanish Oviedo State Spain Country Post Office Address Post Office Address C/Guillermo Estrada 2-Bajo Izda

[Page 4 of 5]

ES-3306

Spain

State

Zip

Additional inventors are being named on supplemental sheet(s) attached hereto

City

Please type a plus sign (+) inside this box

Approved through 9/30/98. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION									ADDITIONAL INVENTOR(S) Supplemental Sheet						
Name	of Add	itional Joint I	nventor.	if any:			ПА	petit	ion has	been filed	for this un	sione	d inventor		
Given Name		n-Marc		Mic	idle		Famil	ly ,	MICH			.o.g.i.e		uffi	
Inventor's Signature	s		el >	<u> Init</u>	<u> 131 </u>	 .	Name	<u> </u>	11 011	<u> </u>	Date	Feb	rvary	3,	2000
Residenc City		Compiegr	ne		State	1	Countr	у ј	Fran	ce			Citizenshi	PF	rench
Post Offic	e Addre	ss					<u> </u>				· ·				
Post Offic	e Addre:	^{is} 22, 1	Rue de	es Do	ome	elie	ers								
	ompi		- 1	ate	Zip	F-6	50200		Country	Fra	ance	_			
Name o	of Addi	tional Joint I	nventor,	if any:		1	A	petiti	on has t	been filed	for this un	signe	d inventor		
Given Name	Mar	ie-Ceci	le	Midd Initia			Family Name		RAYN	AL			S e.	uffix a. Jr	
Inventor's Signature		1 PR	ynal		•						Date	Fe	ornar	y3	,2000
Residence City	1	Paris			State		Country	Fı	ranc	e			Citizenship	Fr	ench
Post Office	Address														
Post Office	Address	1 .	Avenue	e de	Ch	ois									
City	Par			ate	Zip	T	-7501	2 0	ountry	Ence					
Name o		ional Joint In	ventor, i	fany:	1	F		<u> </u>		Frar een filed f	or this uns	ianed	inventor		
Given Name	-	didja		l M	liddle		Family	1		-BEY			Sum	ix	
Inventor's Signature			de		nitial		Name_	<u>, Dr</u>	JUAII	<u>- 110 1</u>	Date	fee	Suely	13 1	2000
Residence: City	Pa	cis		s	State		Country	Fi	canc	е е	ŧ		Citizenship	T	lgeria
Post Office	Address														
Post Office	Address	100, E	Boule	vard	Ma	ss∈	ena			٠					
	Paris	onal Joint Inv	State	1 1	Zip	F-7	75013		untry	Fran					
Siven	Additio	Mai John IIIV	entor, ir a		liddle	. 1	1	etitio	n has be	een filed fo	or this unsi	igned			
lame L	Jose				nitial		Family Name	SI	ALAS		 -		Suffi e.g.		
nventor's Signature	·										Date				
lesidence: lity	Ov:	ledo		Sta	ite		Country	Sį	pain		-	c	itizenship	Sp	anish
ost Office A	ddress												,		
ost Office A	ddress	C/Guill	ermo	Estr	rad	.a	2	- -Ва	ajo :	Izda					
ity	vie	lo	State	1 1	Zip	ES-	3306	Cou		Spain	1				
Addit	nonal in	ventors are b	eing nam	ed on s	uppl	emer	ital sheet	t(s) a	ttached	d hereto					